INTERNATIONAL SEARCH REPORT

Interriginal Application No
PCT/EP2004/009100

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B05C17/005 A61C9/00 A61B17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\label{lem:minimum} \begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{B05C} & \mbox{A61C} & \mbox{A61B} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		·	
Category °	Citation of document, with indication, where appropriate, of the	ne relevant passages	Relevant to claim No.	
(US 5 743 436 A (CARUFEL ROGER 28 April 1998 (1998-04-28) column 5, lines 43-51 figure 4	J ET AL)	1,3,4, 12-14	
Y A	7.1gu. 0		2,6 5,8,15, 16	
X	EP 0 444 247 A (W A KELLER PR ; CROWN DELTA CORP (US)) 4 September 1991 (1991-09-04) column 5, line 37 - line 47 figure 7	1,3,13		
X Furt	her documents are listed in the continuation of box C.	X Patent family members a	are listed in annex.	
"A" docum consie "E" earlier filing o "L" docum which citatio	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the International date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means	cited to understand the princ invention "X" document of particular releva cannot be considered novel involve an inventive step wh "Y" document of particular releva cannot be considered to invention to combined with	nflict with the application but ciple or theory underlying the nce; the claimed invention or cannot be considered to the document is taken alone	

Name and mailing address of the ISA

12 April 2005

Date of the actual completion of the international search

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Date of mailing of the international search report

-3: 06. 2005

Authorized officer

Roldán, J



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PCT/EP2004/009100

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.		
Category °	Citation of document, with indication, where appropriate, of the relevant passages			
Х	GB 2 086 248 A (HILTI AG) 12 May 1982 (1982-05-12)	11, 18-22, 45,46,50		
Α	the whole document	23,48		
X	EP 0 815 802 A (MINNESOTA MINING AND MANUFACTURING COMPANY) 7 January 1998 (1998-01-07)	18,22, 23, 45-47,50		
Α	columns 7,8	24,48		
X	US 4 676 657 A (BOTRIE ET AL) 30 June 1987 (1987-06-30)	26-31, 34,35, 38-44		
Α	the whole document	32,36		
X	US 3 738 535 A (NICHOLLS A,US) 12 June 1973 (1973-06-12) the whole document	45-48		
X	US 3 587 982 A (HUGH W. CAMPBELL) 28 June 1971 (1971-06-28) the whole document	45-48		
Y	WO 03/041605 A (PAUSER HELMUT; PEUKER MARC (DE); HOHMANN ARNO (DE); 3M ESPE AG (DE)) 22 May 2003 (2003-05-22) pages 8-9 page 17, lines 9-27 figures 1-3	2,6		
A	US 4 690 306 A (STAEHELI ET AL) 1 September 1987 (1987-09-01) the whole document	18		

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intermedial Application No
PCT/EP2004/009100

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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INTERNATIONAL SEARCH REPORT



Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-10,12-17

Syringe comprising a mixing tip and a cartridge wherein said mixing tip is integrally formed with said cartridge.

2. claims: 11,18-25,45-50

Syringe comprising a mixing tip and a cartridge wherein said mixing tip is connectable to said cartridge.

3. claims: 26-44

Syringe comprising a static mixer and a cartridge, wherein said static mixer is integrally connected to said cartridge.